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Kes -

My secretary is on vacation; and
it will save several days if
just send you my own typed
draft.

John.

10,000 per year for one to three years
science and policy.

lary of one research-~~xxxxxxx~~ assistant,
periodicals, and postage & telephone
assimilate information in a wide
ple to the subjects covered in my
assistance as for deeper follow-
hope to express this in a series
-and-run" efforts of the weekly
of merely documenting the sources

date literature for further reading, is already a formidable one; but
this would already make them much more useful for teaching purposes.

To a large extent, however, the assistance I request is to
help me in my own education, so that I have a more informed base
on which to ~~xxxxxxx~~ engage others in further analysis.

The principal themes of this study are:

In what ways

1) ~~xxx~~ is science an autonomous process, that generates a technology
unrelated to social needs; how is it actively abused (in terms of the
ideals of the pure scientist); are there mechanisms by which it can
be guided for social benefit without constraining the creative imagination
of research workers -- in short, can Science be creatively managed?
What is the present de-facto system of its management?

2) ~~xxx~~ Does scientific progress interfere with individual liberty; and
if so what institutional arrangements do we need for our protection.

3) Can science help to define social goals, and how can those ~~xxxxxxx~~
be identified which are most amenable to technological antidotes, or
to the most nearly achievable social ones.

4) Can we furnish an improvement on present techniques of setting
values and priorities on different forms of scientific effort. Are these
forms correctly taxonomized for such a purpose? (For example, is it a
meaningful question to ask how to decide between mathematics, high-
energy physics or molecular biology ?)

5) Do we have the right institutions (spec. the universities) for the
harmonization of scientific research, ~~xxx~~ teaching, social criticism, ~~xxx~~ art,
other intellectual roles?

6) Failing a prompt answer to the metaproblem (3), what are the most
urgent human problems to which scientific thinking can be usefully
addressed now, and how can this best be implemented.

Joshua Lederberg

JOHN
HANSEN